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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b> |   | ATTORNEY'S DOCKET NUMBER<br>62765(50024)                             |
|   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.53)<br><b>10/522500</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/GB2003/003272  | INTERNATIONAL FILING DATE<br>25 July 2003 | PRIORITY DATE CLAIMED<br>25 July 2002                                |
| TITLE OF INVENTION PIPE LINER CONNECTOR   |   |  |
| APPLICANT(S) FOR DO/EO/US Stuart McIntyre   |   |  |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)), unexecuted.
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☒ A power of attorney and/or change of address letter, unexecuted.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Return Rcpt. Card, International Search Report, International Preliminary Examination Report, Preliminary Amendment, PCT Request, WIPO 2004/011840 A1 publication

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|   |                             |   |            |  |                 |
|---|-----------------------------|---|------------|--|-----------------|
| U.S. APPLICATION NO. (if known, See 37 CFR 1.51)<br><b>10/922500</b>  |                             | INTERNATIONAL APPLICATION NO.<br>PCT/GB2003/003272                            |            | ATTORNEY'S DOCKET NUMBER<br>62765(50024) |                 |
| 21. The following fees are submitted:   |                             |   |            | Applicant Use                            | Office Use Only |
| <input checked="" type="checkbox"/>   | a) Basic national fee ..... | \$300.00  | \$         | 300.00                                   |                 |
| <input checked="" type="checkbox"/>   | b) Examination fee .....    | \$200.00  | \$         | 200.00                                   |                 |
| <input checked="" type="checkbox"/>   | c) Search fee .....         | \$500.00  | \$         | 500.00                                   |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |                             |   |            | \$1,000.00                               |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |                             |   |            |  |                 |
| Total Sheets  | Extra sheets                | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |                 |
| 12 - 100 =  | /50 =                       |   | x \$250.00 |  |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |                             |   |            | \$                                       | 130.00          |
| CLAIMS  | NUMBER FILED                | NUMBER EXTRA  | RATE       |  |                 |
| Total claims  | 14 - 40 =                   |   | x          | \$                                       | 0.00            |
| Independent claims  | 2 - 6 =                     |   | x          | \$                                       | 0.00            |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)   |                             |   | +          | \$                                       |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |                             |   |            | \$                                       | 1,130.00        |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                             |   |            | \$                                       | 565.00          |
| <b>SUBTOTAL =</b>   |                             |   |            | \$                                       | 565.00          |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).  |                             |   |            | +  | \$              |
| <b>TOTAL NATIONAL FEE =</b>   |                             |   |            | \$                                       | 565.00          |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |                             |   |            | +  | \$              |
| <b>TOTAL FEES ENCLOSED =</b>  |                             |   |            | \$                                       | 565.00          |
| Amount to be refunded:  |                             |   |            |  | \$              |
| Amount to be charged:   |                             |   |            |  | \$              |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-1105</u> in the amount of \$ <u>565.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1105</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |                             |   |            |  |                 |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.  |                             |   |            |  |                 |
| SEND ALL CORRESPONDENCE TO:   |                             |   |            |  |                 |
| George N. Chaclos<br>EDWARDS & ANGELL, LLP<br>P.O. Box 55874<br>Boston, Massachusetts 02205<br>(401) 276-6653<br>CUSTOMER NUMBER: 21874   |                             |   |            |  |                 |
| SIGNATURE: <u>George N. Chaclos</u><br>NAME: _____<br>_____<br>46,608<br>REGISTRATION NUMBER  |                             |   |            |  |                 |

|   |  |  |  |
|---|--|--|--|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b><br><b>FEE TRANSMITTAL</b><br><b>For FY 2005</b> |  | <b>Complete if Known</b><br>Application Number: Not Yet Assigned<br>Filing Date: Concurrently Herewith<br>First Named Inventor: Stuart McIntyre<br>Examiner Name: Not Yet Assigned<br>Art Unit: N/A<br>Attorney Docket No.: 62765(50024) |  |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |  |  |  |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$) 565.00  |  |  |  |

**METHOD OF PAYMENT** (check all that apply)

|  |                                      |   |                               |   |
|--|--------------------------------------|---|-------------------------------|---|
| <input type="checkbox"/> Check   | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order  | <input type="checkbox"/> None | <input type="checkbox"/> Other (please identify): |
| <input checked="" type="checkbox"/> Deposit Account<br>Deposit Account Number: 04-1105 Deposit Account Name: Edwards & Angell, LLP |                                      |   |                               |   |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                             |                                      |   |                               |   |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below  |                                      | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |                               |   |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17              |                                      | <input checked="" type="checkbox"/> Credit any overpayments                       |                               |   |

**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

| Total Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|---------------------------|----------|---------------|
| 12            | - 20 =       | x        | =             |                           |          |               |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |                           |          |               |
| 2             | - 6 =        | x        | =             |                           |          |               |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| 14           | - 100 =      | /50 (round up to a whole number) x               | =        |               |

**4. OTHER FEE(S)**

|   | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) |                |
| Other (e.g., late filing surcharge):                            |                |
| 2631 Basic National Stage fee                                   | 150.00         |
| 2632 National Stage search fee                                  | 250.00         |
| 2633 National Stage examination fee                             | 100.00         |
| 2617 National Stage oath or declaration after thirty ...        | 65.00          |

**SUBMITTED BY**

|                                      |   |                           |
|--------------------------------------|---|---------------------------|
| Signature: <u>George Chaclos</u>     | Registration No. (Attorney/Agent): 46,608 | Telephone: (401) 276-6653 |
| Name (Print/Type): George N. Chaclos | Date: January 24, 2005                    |                           |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 438976913, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: January 24, 2005

Signature: George Chaclos (George N. Chaclos)

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 62765(50024)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 438976913 in an envelope addressed to:

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on 24 January 2005  
Date

George Chaclos  
Signature

George N. Chaclos  
Typed or printed name of person signing Certificate

46,608  
Registration Number, if applicable

401 276-6653  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (2 pages)  
Application Data Sheet  
International Search Report  
International Preliminary Examination Report  
Preliminary Amendment  
PCT Request  
Application (16 pages written; 2 sheets of drawings)  
WIPO 2004/011840 A1 publication  
Transmittal Letter to the United States Designated-Elected Office  
Charge \$565.00 to deposit account 04-1105